



## The Lightning Systems Difference

Our zero emission products have been carefully engineered and manufactured to provide fleets the **highest quality and most efficient** ALL-ELECTRIC medium- and heavy-duty trucks and buses on the market.

Lightning's team of fleet experts stand behind our work and provide exceptional customer service – from vehicle deployment and technical support, to custom analytics reports and operator training. The Lightning team understands your goals and is ready to help you surpass them.

### BENEFITS BEYOND THE BOTTOM LINE

Electric Vehicles save your fleet money on maintenance & downtime, while improving air quality:



BEVs save money on fuel costs



Save vehicle downtime with no emission testing



Fewer parts means lower maintenance costs



Zero emissions means cleaner air in communities you serve



Regenerative braking dramatically reduces brake wear



Significant savings on operating costs

## Lightning Electric Ford E-450 Shuttle Bus

- Smooth and powerful handling
- Quiet ride
- Backed by the Ford eQVM program
- Ford vehicle warranty and matching Lightning powertrain warranty for complete coverage

Let us put you in the driver's seat!

Phone: 1-800-223-0740 Email: [info@lightningsystems.com](mailto:info@lightningsystems.com)



- Battery-electric vehicle
- Fast, smooth, and quiet
- Installation, maintenance, and service performed by certified partners
- Up to \$90,000 per vehicle vouchers available now in California. Call today for expert incentives support.

## Lightning Electric Ford E-450 Shuttle Bus



### SPECIFICATIONS

Base Chassis	Ford E-450 Shuttle	
GVWR	14,500 lbs	
Minimum Wheelbase	176 in	
Electric Vehicle Supply Equipment (EVSE)	Level 2 (6.6 kW) and Level 3 (up to 50 kW) with J1772 CCS Combo	
All Electric Range*	80 miles	110 miles
Battery Capacity	86 kWh	129 kWh
Charge Time	11.25 hours (Level 2) 1.5 hour (Level 3)	16.75 hours (Level 2) 2.25 hours (Level 3)
Payload and Passenger Capacity**	6,900 lbs Depends on shuttle body	6,100 lbs Depends on shuttle body
Maximum Speed	65 mph (electronically limited)	
Peak Power	241 HP (180 kW)	
Torque Rating (after transmission)	790 lb-ft (1071 Nm)	
Warranty	<ul style="list-style-type: none"> <li>✓ Base Chassis: Ford standard warranty</li> <li>✓ EV Conversion: Lightning Systems standard warranty (Powertrain and battery 5 year / 60,000 miles)</li> </ul>	
Analytics	<ul style="list-style-type: none"> <li>✓ Preventive Maintenance</li> <li>✓ Range Analysis</li> <li>✓ Driver Behavior</li> </ul>	

\* All-electric range can vary depending on route or drivecycle, environmental conditions, vehicle or equipment configurations, and driver behavior.

\*\* Payload and Passenger capacity can vary and greatly depend on vehicle wheelbase, seating configuration, and other characteristics or features as delivered by the OEM or chassis manufacturer. Equipment added to the base chassis by aftermarket upfitters or equipment installers could also affect Payload and Passenger Capacity.

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